



FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE			ATTY DKT NO. 4280-016	SERIAL NO. 10/696,485
INFORMATION DISCLOSURE STATEMENT BY APPLICANT			APPLICANT Beavers et al.		
			FILING DATE October 29, 2003	GROUP	

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CL.	SUBCL.	FILING DATE IF APPROP.
TAT	A	2,819,236	01/58	Dickmann	260	29.1	
	B	3,020,260	02/62	Nelson	260	46.5	
	C	3,522,576	08/70	Cairns	339	91	
	D	3,652,475	03/72	Wada et al.	260	29.1	
	E	4,008,197	02/77	Brauer et al.	260	31.6	
	F	4,102,716	07/78	Groves et al.	156	48	
	G	4,186,986	02/80	Shoemaker	339	114	
	H	4,284,312	08/81	Patchett et al.	339	60	
✓	I	4,299,431	11/81	Wilson et al.	339	60	
	J	4,382,057	05/83	Tolentino	264	328.2	

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CL.	SUBCL.	TRANSLATION
							YES NO

## OTHER DOCUMENTS (Incl. Author, Title, Date, Pertinent pages, etc.)


EXAMINER *Wade et al.* DATE CONSIDERED

3/2/05

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(Form PTO-1449)

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Sheet 2 of 15

FORM PTO-1449

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PATENT AND TRADEMARK OFFICEATTY DKT NO.  
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Beavers et al.FILING DATE  
October 29, 2003

GROUP

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CL.	SUBCL.	FILING DATE IF APPROP.
T d T	K	4,425,017	01/84	Chan	339	96	
	L	4,284,312	08/81	Patchett et al.	339	60	
	M	4,299,431	11/81	Wilson et al.	339	60	
	N	4,444,940	04/84	Polmanteer	524	500	
	O	4,488,771	12/84	Koford	339	278	
	P	4,504,699	03/85	Dones et al.	174	84	
	Q	4,588,238	05/86	Michelson et al.	339	91	
	R	4,595,635	06/86	Dubrow et al.	428	447	
	S	4,596,743	06/86	Brauer et al.	428	380	
	T	4,600,261	07/86	Debbaut	339	116	
	U	4,634,207	01/87	Debbaut	339	116	
	V	4,642,924	02/87	Sudderth et al.	38	102.2	

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EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CL.	SUBCL.	FILING DATE IF APPROP.
14T	W	4,643,924	02/87	Uken et al.	428	35	
	X	4,662,692	05/87	Uken et al.	339	96	
	Y	4,680,233	07/87	Camin et al.	428	424.6	
	Z	4,716,183	12/87	Gamarra et al.	522	80	
	AA	4,717,355	01/88	Mattis	439	452	
	BB	4,718,678	01/88	Vansant	277	1	
	CC	4,721,832	01/88	Toy	174	87	
	DD	4,734,061	03/88	Randall, Jr. et al.	439	709	
	EE	4,741,709	05/88	Jervis	439	521	
	FF	4,748,651	05/88	Collins et al.	379	22	
✓	GG	4,777,063	10/88	Dubrow et al.	427	44	
	HH	4,800,588	01/89	Poster, Jr.	379	412	

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EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CL.	SUBCL.	FILING DATE IF APPROP.
T	II	4,824,390	05/89	Crane et al.	439	271	
	JJ	4,846,721	07/89	Debruycker et al.	439	411	
	KK	4,849,580	07/89	Reuter	174	92	
	LL	4,864,725	09/89	Debbaut	29	871	
	MM	4,865,905	09/89	Uken	428	220	
	NN	4,917,617	04/90	Smith	439	135	
	OO	4,924,489	05/90	Lawrence et al.	379	6	
	PP	4,927,386	05/90	Neuroth	439	589	
	QQ	4,942,270	07/90	Gamarra	174	93	
	RR	4,945,560	07/90	Collins et al.	379	399	
	SS	4,971,573	11/90	Pinyan	439	412	
	TT	4,979,209	12/90	Collins et al.	379	399	

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EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CL.	SUBCL.	FILING DATE IF APPROP.
TAT	UU	4,998,894	03/91	Gronvall	439	521	
	VV	5,044,981	09/91	Suffi et al.	439	533	
	WW	5,079,300	01/92	Dubrow et al.	525	106	
	XX	5,085,597	02/92	Story et al.	439	521	
	YY	5,102,347	04/92	Cote et al.	439	412	
	ZZ	5,104,930	04/92	Rinde et al.	524	871	
	AAA	5,111,497	05/92	Bliven et al.	379	27	
	BBB	5,130,818	07/92	Tadokoro	358	407	
	CCC	5,139,440	08/92	Volk et al.	439	413	
	DDD	5,140,746	08/92	Debbaut	29	855	
	EEE	5,153,910	10/92	Mickelson et al.	379	399	
	FFF	5,153,988	10/92	Mattis et al.	29	863	

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EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CL.	SUBCL.	FILING DATE IF APPROP.
TAT	GGG	5,195,125	03/93	Bliven et al.	379	29	
	HHH	5,201,672	04/93	Story et al.	439	521	
	III	5,202,919	04/93	Kiko	379	399	
	JJJ	5,228,018	07/93	Rokutan	369	44.29	
	KKK	5,229,058	07/93	Uken et al.	264	261	
	LLL	5,235,638	08/93	Dondero	379	399	
	MMM	5,246,383	09/93	Shimirak et al.	439	521	
	NNN	5,281,763	01/94	Hey et al.	174	84	
	OOO	5,313,019	05/94	Brusselmans et al.	174	93	
	PPP	5,333,193	07/94	Cote et al.	379	399	
	QQQ	5,357,057	10/94	Debbaut	174	84	
	RRR	5,359,654	10/94	Jensen et al.	379	397	

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TAT	SSS	5,376,019	12/94	Shimirak et al.	439	521	
	TTT	5,404,401	04/95	Bliven et al.	379	442	
	UUU	5,406,702	04/95	Shimirak et al.	29	883	
	VVV	5,415,713	05/95	Vatcher	156	48	
	WWW	5,422,438	06/95	Lamome	174	84	
	XXX	5,427,547	06/95	Shimirak et al.	439	521	
	YYY	5,431,758	07/95	Delalle	156	49	
	ZZZ	5,442,004	08/95	Sutherland et al.	524	140	
	AAAA	5,449,299	09/95	Shimirak et al.	439	417	
N	BBBB	5,518,415	05/96	Sano	439	204	
	CCCC	5,541,250	07/96	Hudson et al.	524	505	
V	DDDD	5,548,641	08/96	Butler et al.	397	399	

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TD	EEEE	5,557,250	09/96	Debbaut et al.	338	21	
	FFFF	5,562,491	10/96	Shimirak et al.	439	521	
	GGGG	5,588,569	12/96	Jensen et al.	439	417	
	HHHH	5,595,504	01/97	Muller	439	521	
	III	5,598,455	01/97	Bliven et al.	379	27	
	JJJJ	5,601,460	02/97	Shimirak et al.	439	936	
	KKKK	5,618,882	04/97	Hammond et al.	525	92	
	LLLL	5,797,759	08/98	Mattis et al.	439	201	
	MMMM	5,800,028	09/98	Smith et al.	312	223.1	
	NNNN	5,863,215	01/99	Debbaut et al.	439	412	
	OOOO	5,888,085	03/99	Meyerhoefer et al.	439	188	
	PPPP	5,901,220	05/99	Garver et al.	397	399	

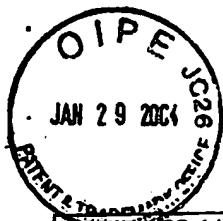
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U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CL.	SUBCL.	FILING DATE IF APPROP.
TAT	QQQQ	5,934,934	08/99	Ward	439	521	
	RRRR	6,074,240	06/00	Bradshaw et al.	439	412	
	SSSS	6,093,050	07/00	Baum et al.	439	412	
	TTTT	6,093,053	07/00	Horioka et al.	439	444	
V	UUUU	6,113,419	09/00	Finley	439	418	
	VVVV	6,135,811	10/00	Daoud	439	519	
	WWW W	6,224,419	05/01	Tucker et al.	439	521	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NO.	DATE	COUNTRY	CL.	SUBCL	TRANSLATION
							YES      NO
TAT	XXXX	213 874	1986	EPO			X
V	YYYY	319 306	1988	EPO			X
V	ZZZZ	WO 90/15038	1990	PCT (English abstract only)			
	AAAAA	WO 92/08257	1991	PCT			X
OTHER DOCUMENTS (Incl. Author, Title, Date, Pertinent pages, etc.)							
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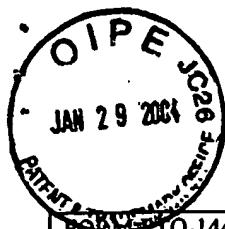
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